

Title (en)
Flux

Title (de)
Flussmittel

Title (fr)
Flux

Publication
EP 0723835 B1 20010509 (DE)

Application
EP 96100617 A 19960117

Priority
• DE 19501937 A 19950124
• DE 19519515 A 19950601

Abstract (en)
[origin: US5980650A] A flux which contains irreversibly dehydrated K₂AlF₅, for soldering light metal materials, in particular aluminum. The flux has the advantages of forming a very uniform flux coating on the workpiece or workpieces to be soldered and exhibiting outstanding flow of the solder. An appropriate soldering process, an aqueous flux suspension and preparation processes for the flux are also disclosed.

IPC 1-7
B23K 35/363

IPC 8 full level
B23K 1/19 (2006.01); **B23K 1/00** (2006.01); **B23K 35/36** (2006.01); **B23K 35/363** (2006.01); **B23K 35/40** (2006.01); **C01F 7/54** (2006.01); **B23K 103/10** (2006.01)

CPC (source: EP US)
B23K 35/3605 (2013.01 - EP US); **B23K 2103/10** (2018.07 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)
US 5980650 A 19991109; AT E200997 T1 20010515; CZ 291829 B6 20030618; CZ 340595 A3 19970115; DK 0723835 T3 20010528; EP 0723835 A1 19960731; EP 0723835 B1 20010509; ES 2156225 T3 20010616; HU 217858 B 20000428; HU 9503669 D0 19960228; HU T73267 A 19960729; JP 3913284 B2 20070509; JP H08224690 A 19960903; PT 723835 E 20010830; RU 2145272 C1 20000210; US 6221129 B1 20010424; US 6264096 B1 20010724

DOCDB simple family (application)
US 59063696 A 19960124; AT 96100617 T 19960117; CZ 340595 A 19951220; DK 96100617 T 19960117; EP 96100617 A 19960117; ES 96100617 T 19960117; HU 9503669 A 19951220; JP 823596 A 19960122; PT 96100617 T 19960117; RU 96101780 A 19960123; US 36152399 A 19990727; US 55778000 A 20000425